

<b>Interview Summary</b>	Application No. 10/784,463	Applicant(s) WALZ, JURGEN	
	Examiner Erica E. Cadugan	Art Unit 3722	

All participants (applicant, applicant's representative, PTO personnel):

(1) Erica E. Cadugan. (3)\_\_\_\_\_.

(2) Andrew Wilford. (4)\_\_\_\_\_.

Date of Interview: 17 November 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: See attached.

Identification of prior art discussed: None explicitly discussed, though Examiner did provide a list of references that were considered by the Examiner, including those which are now cited on the attached 892 form.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed various language to try to overcome issues with respect to 35 USC 112. Ultimately, after some discussion, Examiner proposed the attached Examiner's Amendment to try to put the case in condition for allowance. Applicant then indicated that they would rather receive an action at this time.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

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\*\*\* TX REPORT \*\*\*  
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TRANSMISSION OK

TX/RX NO	2902	
CONNECTION TEL		718 601 1099
SUBADDRESS		
CONNECTION ID		
ST. TIME	11/17 09:37	
USAGE T	01'29	
PGS. SENT	4	
RESULT	OK	



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## Fax Cover Sheet

Date:

11/17/05

To:

Andrew Wilford

From: Erica E Cadogan

Application/Control Number:

10/784463

Art Unit: 3722

Fax No.:

(718) 601-1099

Phone No.: (571) 272-4474

Voice No.:

(718) 884-6600

Return Fax No.:

Re:

Jkt 22762

CC:

☒ Urgent ☒ For Review ☐ For Comment ☒ For Reply ☐ Per Your Request

Comments:

Proposed Ex. Amendment

Number of pages 4 including this page

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**Proposed EXAMINER'S AMENDMENT, Second Draft**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

\*\*\* on \*\*\*.

The application has been amended as follows:

Claim 1 (Currently Amended). A method of machining a hollow metal workpiece having a plurality of [small-diameter] throughgoing holes and [at least one large-diameter hole] a port, the method comprising the steps of:

picking up from a transfer station by a grab [a] the hollow workpiece and displacing the workpiece from the transfer station to a first machining station;

thereafter, while continuously holding the workpiece in the grab,

a) with the workpiece in the first machining station, engaging a first part of a first tool from outside the workpiece with a first exterior surface of the workpiece and thereby finishing the first exterior surface;

b) with the workpiece still in the first station, reorienting the workpiece by the grab and engaging a second part of the first tool with a second exterior surface of the workpiece offset from the first exterior surface and thereby finishing the second exterior surface, one of the exterior surfaces being one of the holes;

c) displacing the workpiece to a second machining station and fitting [another] a second tool through the [large-diameter hole] port of the workpiece and positioning the [other] second tool inside the workpiece adjacent the one of the [small-diameter] holes;

d) coupling a drive spindle through the one [small-diameter] hole of the workpiece with the [other] second tool and machining an inner surface of the workpiece adjacent the one [small-diameter] hole with the [other] second tool; and

e) repeating steps b), c), and d) to finish another interior surface of the workpiece adjacent another of the small-diameter holes; and]

displacing the workpiece from the second machining station back to the transfer station and releasing it from the grab.

Claim 2 (Currently Amended). The machining method defined in claim 1 wherein the first and second exterior surfaces are both surfaces of the [small-diameter] holes.

Claim 3 (Currently Amended). The machining method defined in claim 2 wherein the surfaces of the [small-diameter] holes are generally cylindrical.

Claim 4 (Currently Amended). The machining method defined in claim 1 wherein in step b), the workpiece is reoriented by being rotated about an axis through about 90°.

Claim 5 (Currently Amended). The machining method defined in claim 1, further comprising the step during step d) of engaging a tailstock through another of the [small-diameter] holes with the [other] second tool after coupling of the [other] second tool to the drive spindle to brace the [other] second tool.

Art Unit: 3722

Non-elected claims 6-9 have been canceled.

Claim 10 (New). The machining method defined in claim 1, further comprising between steps b) and c) the step of:

b1) reorienting the workpiece by the grab and engaging the first part of the first tool with a third exterior surface of the workpiece offset from the first and second exterior surfaces and finishing the third exterior surface with the first tool.

Claim 11 (New). The machining method defined in claim 10, further comprising between steps b1) and c) the step of:

b2) reorienting the workpiece by the grab and engaging the second part of the first tool with a fourth exterior surface of the workpiece offset from the first, second, and third exterior surfaces and finishing the fourth exterior surface with the first tool.

Claim 12 (New). The machining method defined in claim 11, wherein the first and third exterior surfaces are holes having diameters larger than the smaller holes, and the second and fourth exterior surfaces are surfaces of the smaller holes.